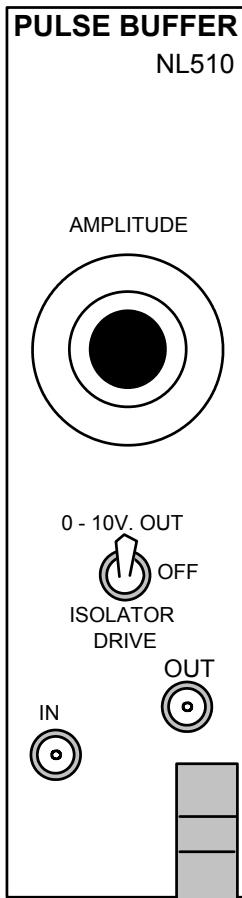


NL510 - Pulse Buffer

Introduction



The **NL510 PULSE BUFFER** converts TTL logic pulses into either pulses whose amplitude can be set to between 0 and 10V pulses or input drive pulses for the **NL800 Stimulus Isolator**.

The output amplitude is adjusted with a precision ten turn potentiometer and a turns counting dial.

The mode switch has three positions:

0-10V - This position allows the 10 turn dial to precisely set the output pulse level to between 0 to 10V and can be used in many applications such as a voltage stimulator, relay driver, solenoid driver, oscilloscope beam brightener etc.

OFF - This position is a useful feature when more than one stimulator is being used.

ISOLATOR - In this position the output pulses are offset to match the input characteristics of the **NL800 Stimulus Isolator**.

(See NL800 section for further details and system set up etc).

Specifications

- Output voltage range : 0 to 10V
- Output resistance : <10 ohms
- Output current : 50mA
- Output rise and fall times : <1 microsecond

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